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PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

2

Application Number

To Be Assigned

Filing Date

Herewith

First Named Inventor

Howard, et al.

Group Art Unit

Unknown

Examiner Name

Unknown

Attorney Docket Number

WEAT/0196 P

Submission Date

September 03, 2004

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
TSB	A1	US-5,141,055	08-25-1992	Chlen, et al.	
	A2	US-5,141,054	08-25-1992	Alameddine, et al.	
	A3	US-4,770,244	09-13-1988	Webb	
	A4	US-4,648,455	03-10-1987	Luke	
	A5	US-4,646,828	03-03-1987	Schwab, Jr., et al.	
TSB	A6	US-4,640,355	02-03-1987	Hong, et al.	
	A7	US-			
	A8	US-			
	A9	US-			
	A10	US-			
	A11	US-			
	A12	US-			
	A13	US-			
	A14	US-			
	A15	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁸
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Date Considered

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 1

Complete If Known

Application Number	10/488,895 506,695
Filing Date	September 3, 2004
First Named Inventor	William F. Howard
Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0196P

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
TSB	A1	US 5,743,717	04/28/1998	Schmidt	
	A2	US 5,707,214	01/13/1998	Schmidt	
	A3	US 5,024,274	06/18/1991	Schwab, Jr.	
	A4	US 4,921,044	05/01/1990	Cooksey	
	A5	US RE 33,614	06/18/1991	Schwab, Jr. et al	
	A6	US- 5,990,370	11/23/1999	Sims	
	A7	US- 5,018,578	05/28/1991	Udell	
	A8	US- 5,365,795	11/22/1994	Brower	
	A9	US- 5,141,055	08/25/1992	Chien, et al.	
	A10	US- 2,227,539	01/07/1941	Dorton	
	A11	US- 4,050,515	09/27/1977	Hamrick	
	A12	US- 5,484,059	11/7/1995	Kristiansen	
	A13	US- 8,318,464	11/20/2001	Mokrys	
TSB	A14	US- 4,557,329	12/10/1985	Savard	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
TSB	C1	Suzanne Griston, et al., "Field Test Of Tapered-Bore Chokes For Steam Flow Control", Abstract, SPE #35677, May 22, 1996 (1996-05-22), pages 269-283, XP002248011, Introduction, Page 269, Column 2, Figures 1, 2	

Examiner Signature	/T. Shane Bomar/	Date Considered	01/05/2007
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